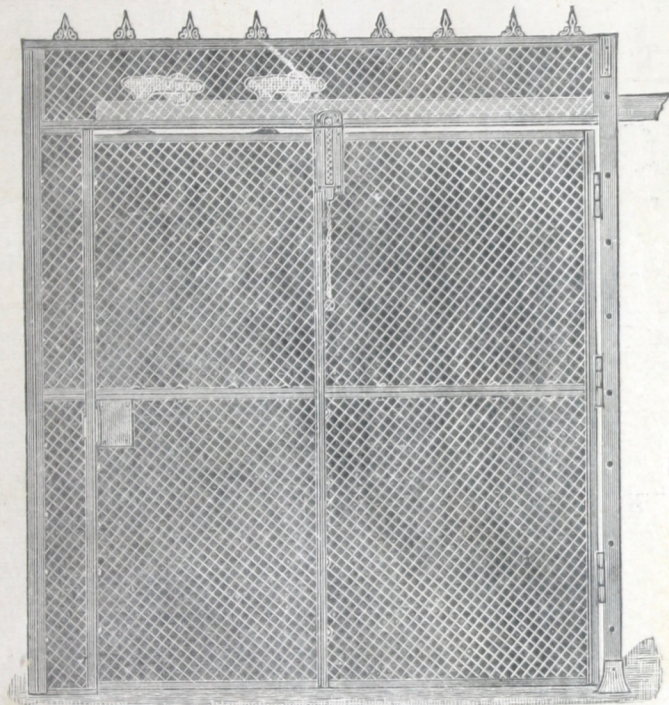


QUEEN CITY WIRE WORKS,

• MANUFACTURERS OF •

WIRE WORK AND WIRE CLOTH

ELEVATOR INCLOSURES.

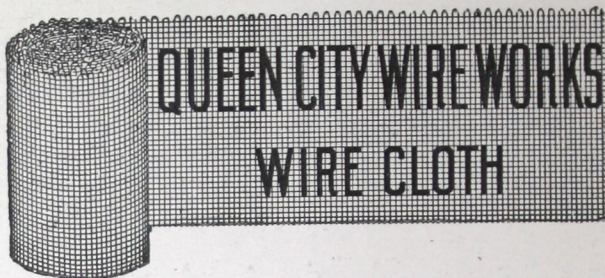


BANK OFFICE AND DESK RAILINGS.

• • • OF EVERY DESCRIPTION. • • •

SANFORD BROS, PROPS.,

189 Seneca Street, - - - BUFFALO, N. Y.



TO THE TRADE.

GENTLEMEN:—We take pleasure in presenting you our new Catalogue, and as trade has improved, so have we in the line of Tools and Machinery, laying stress upon the fact that we have the best equipped wire works in the country.

Thanking you for past favors, and hoping for a continuance of the same, we are,

Very truly yours,

SANDFORD BROS.

ALL PRICES SUBJECT TO MARKET CHANGES
WITHOUT NOTICE.

When ordering Wire Cloth, please be particular and give the width, length and size of Wire, or grade wanted, as we cannot exchange Wire Cloth after being cut from the roll.

Strangers or persons not engaged in regular business must give City reference or sent remittance when ordering.

No goods will be sent by Express C. O. D., unless a remittance of not less than 50 per cent. is received before shipment.

No goods made to order for strangers unless a deposit of 50 per cent. has been made.

PRICE LIST.**HEAVY GRADE BOLTING WIRE CLOTH.**

No length less than 100 feet shall be understood to be a Roll.

No. 10	Mesh, made from No. 20 Wire		38 cents per square foot.
" 12	" 21	"	"
" 14	" 22	"	"
" 16	" 23	"	"
" 18	" 24	"	"
" 20	" 26	"	"
" 24	" 28	"	"
" 30	" 30	"	"
" 35	" 32	"	"
" 40	" 33	"	"
" 45	" 34	"	"
" 50	" 35	"	"
" 55	" 36	"	"
" 60	" 36	"	"
" 64	" 37	"	"
" 70	" 38	"	"
" 74	" 39	"	"
" 80	" 40	"	"

*Discount.***LIGHT GRADE BOLTING WIRE CLOTH.**

No length less than 100 feet shall be understood to be a Roll.

No. 10	Mesh, made from No. 23 Wire		22 cents per square foot.
" 12	" 24	"	"
" 14	" 25	"	"
" 16	" 26	"	"
" 18	" 27	"	"
" 20	" 29	"	"
" 24	" 30	"	"
" 30	" 31	"	"
" 35	" 33	"	"
" 40	" 34	"	"
" 45	" 35	"	"
" 50	" 36	"	"
" 55	" 37	"	"
" 60	" 38	"	"

*Discount.***TINNED MILLING GRADE WIRE CLOTH.**

No length less than 100 feet shall be understood to be a Roll.

No. 10	Mesh, made from No. 25 Wire		14 cents per square foot.
" 12	" 26	"	"
" 14	" 27	"	"
" 16	" 28	"	"
" 18	" 29	"	"
" 20	" 30	"	"
" 22	" 31	"	"
" 25	" 32	"	"
" 26	" 33	"	"
" 28	" 34	"	"
" 30	" 34	"	"
" 35	" 35	"	"
" 40	" 36	"	"

Discount.

PRICE LIST.

TINNED WIRE CLOTH.

No length less than 100 feet shall be understood to be a Roll.

 Same Price List as Plain Iron Wire Cloth.

Discount.

MACHINERY GRADE IRON WIRE CLOTH.

No length less than 100 feet shall be understood to be a Roll.

No. 2	Mesh, made from No. 11 Wire.....	32	cents per square foot.
“ 2½	“ “	32	“
“ 3	“ “	32	“
“ 3½	“ “	32	“
“ 4	“ “	32	“
“ 5	“ “	32	“
“ 6	“ “	32	“
“ 8	“ “	32	“
“ 10	“ “	32	“
“ 12	“ “	32	“
“ 14	“ “	32	“
“ 16	“ “	32	“
“ 18	“ “	32	“
“ 20	“ “	35	“

Discount.

HEAVY FOUNDRY GRADE IRON WIRE CLOTH.

No length less than 100 feet shall be understood to be a Roll.

No.	Mesh, made from No.	Wire.	27	cents per square foot.
2	2½	13	27	
3	3	14	27	
3½	3½	15	27	
4	4	16	27	
5	5	17	27	
6	6	18	27	
8	8	20	27	
10	10	22	27	
12	12	23	27	
14	14	24	27	
16	16	25	27	
18	18	26	27	
20	20	28	27	

Discount.

MALT-KILN FLOORS.

PRICE LIST.

HEAVY ROLLED WIRE CLOTH.

No length less than 100 feet shall be understood to be a Roll.

No. 6 Mesh, made from No. 14 Wire.....	.60 cents per square foot.
Edges prepared for Patent Seam.....	.68 "
for all the Wire Cloth consumed.	

Discount.

PRICE LIST.**REGULAR COAL SCREEN GRADE OF SCREEN CLOTH.**

No length less than 100 feet shall be understood to be a Roll.

2½	inch space, made from	No. 000	Wire.....	75	cents per square foot.
2¼	"	"	00	64	"
2	"	"	0	64	"
1¾	"	"	0	72	"
1½	"	"	1	64	"
1¼	"	"	2	64	"
1	"	"	3	64	"
¾	"	"	6	48	"
⅝	"	"	8	48	"
½	"	"	10	40	"
⅜	"	"	11	40	"
¼	"	"	13	40	"

*Discount.***CRIMPED SPARK WIRE CLOTH.**

No length less than 100 feet shall be understood to be a Roll.

Per Square Foot.				Per Square Foot.			
No. 2	Mesh, 10	Wire.....	\$0 38	No. 5	Mesh, 15	Wire.....	\$0 38
" 2½	" 11	"	38	" 6	" 16	"	38
" 3	" 12	"	38	" 8	" 18	"	38
" 3½	" 13	"	38	" 10	" 19	"	48
" 4	" 14	"	38	" 12	" 20	"	48
" 5x2	" 14	"	35				

*Discount.***TWILLED SPARK WIRE CLOTH.**

No length less than 100 feet shall be understood to be a Roll.

Per Square Foot.				Per Square Foot.			
No. 4	Mesh, 17	Wire.....	\$0 22	No. 8	Mesh, 21	Wire.....	\$0 22
" 5	" 18	"	22	" 10	" 23	"	22
" 6	" 19	"	22	" 12	" 24	"	22

*Discount.***STOUT RICE WIRE CLOTH.**

No length less than 100 feet shall be understood to be a Roll.

No. 8	Mesh, made from	No. 19	Wire.....	32	cents per square foot.
" 10	"	21	"	32	"
" 12	"	22	"	32	"
" 14	"	23	"	32	"
" 16	"	24	"	32	"

Discount.

PRICE LIST.**SQUARE WIRE SMUT CLOTH.**

No length less than 100 feet shall be understood to be a Roll.

Nos. 4 to 10 Mesh, Extra Stout.....	75 cents per square foot.
" 4 to 10 " Steel Wire, Stout.....	100 "

Discount.

WIRE WINDOW SCREEN CLOTH.

Painted Green or Black, by the Roll.....	3 cents per square foot.
" Figured, by the Roll.....	6 "
Landscape, by the Roll.....	16 "

Put up in Rolls 100 feet long. 24, 26, 28, 30, 32, 34, 36, 38 and 40 inches wide.

WOVEN WIRE WINDOW GUARD CLOTH.

No length less than 100 feet shall be understood to be a Roll.

No. 1x4 Mesh, made from No. 18 Wire.....	12 cents per square foot.
--	---------------------------

Discount.

HEAVY GRADE MINING WIRE CLOTH.

No length less than 100 feet shall be understood to be a Roll.

No. 4 Mesh, made from No. 12 Wire.....	60 cents per square foot.
" 5 " 13 ".....	60 "
" 6 " 14 ".....	60 "
" 7 " 15 ".....	60 "
" 8 " 16 ".....	60 "
" 9 " 17 ".....	60 "
" 10 " 18 ".....	60 "
" 12 " 19 ".....	60 "
" 14 " 20 ".....	60 "
" 16 " 22 ".....	60 "
" 18 " 23 ".....	60 "
" 20 " 24 ".....	62 "
" 24 " 26 ".....	65 "
" 30 " 28 ".....	66 "
" 35 " 30 ".....	67 "
" 40 " 31 ".....	68 "
" 45 " 33 ".....	70 "
" 50 " 34 ".....	72 "

Discount.

GALVANIZED WIRE CLOTH.

No length less than 100 feet shall be understood to be a Roll.

 Same Price List as Plain Iron Wire Cloth

Discount.

PRICE LIST.**FANNING MILL GRADE OF IRON WIRE CLOTH.**

No length less than 100 feet shall be understood to be a Roll.

No. 2	Mesh, made from No. 18 Wire.....	8 cents per square foot.
" 2½	" 19 ".....	8 "
" 3	" 20 ".....	8 "
" 3½	" 21 ".....	8 "
" 4	" 22 ".....	8 "
" 5	" 23 ".....	8 "
" 6	" 24 ".....	8 "
" 8	" 26 ".....	8 "
" 10	" 28 ".....	8 "
" 12	" 29 ".....	8 "
" 14	" 33 ".....	8 "
" 16	" 34 ".....	8 "
" 18	" 35 ".....	8 "
" 20	" 36 ".....	8 "

Discount.

MESHERS FOR FANNING MILL WIRE CLOTH.

The widths most used are 21, 22 and 24 inch, and the meshes for cleaning seed are:

For Wheat.....	4x5, 4x4, or 5x5
" Corn and Oats.....	¾ x ½ and 2x2
" Rye.....	3x3
" Cockle.....	8x8 or 9x9
" Peas.....	2x4 or 2x5
" Clover.....	13x13 or 14x14
" Timothy.....	16x16, 18x18 or 20x20
" Cheat.....	2x9, 10 or 12, or 3x10, 11 or 12
" Flax.....	4x13, 4x14 or 4x16

Discount.

FIRE-PROOF WIRE LATHING.

No length less than 100 feet shall be understood to be a Roll.

No. 2	Mesh, Iron Wire Cloth from No. 18 Wire.....	8 cents per square foot.
" 2½	" 19 ".....	8 "

Discount.

GALVANIZED WIRE CLOTH FOR FRUIT DRYING.

This Wire Cloth is used very largely by the fruit drying companies. The correspondence of those interested is solicited. Special prices quoted on application.

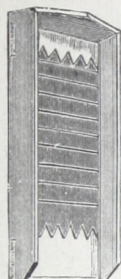
2x2	Mesher to the inch, made from No. 18 Wire.....	12 cents per square foot.
3x3	" 19 ".....	12 "
4x4	" 21 ".....	12 "
5x5	" 22 ".....	12 "
6x6	" 23 ".....	12 "

No length less than 100 feet shall be considered to be a Roll.

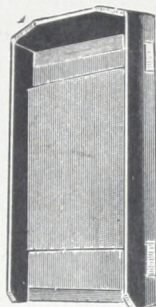
Discount.

Discount.

COAL AND SAND SCREENS.



Sand Screens, 26 x 72 Inches.



Coal Screens, 33 x 76 Inches.

COAL SCREENS.

$\frac{1}{4}$ inch Mesh, No. 13 Wire, Screening	Pea Coal.....	\$10.00 each.
5-16 " 12 "		10.00 "
$\frac{3}{8}$ " 11 "	Chestnut Coal.....	10.00 "
$\frac{1}{2}$ " 9 "	Stove Coal.....	10.00 "
$\frac{5}{8}$ " 8 "	Coarse Stove Coal.....	10.00 "
$\frac{3}{4}$ " 6 "	Egg Coal.....	10.00 "

Coarser Meshes made to order.

SAND SCREENS.

26-inch Screens, No. 12 Wire.....	\$5.00 each.
24 " 12 "	4.00 "

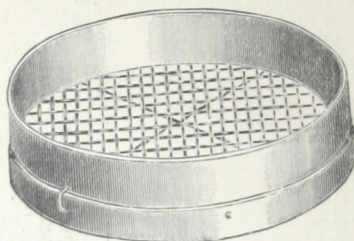
COAL AND ASH SCREENS.

24 inches wide by 3 feet 6 inches high, 3 Mesh.....	\$2.00 each.
24 " " $2\frac{1}{2}$ "	2.00 "
24 " " 2 "	2.00 "

MEAT SAFES.

15 inches, 40 inches and 60 inches high.....	\$10.00 each.
14 " 36 " 48 "	7.00 "

FOUNDRY RIDDLES.



BRASS ELM RIMS,

Brass, Steel, Iron and Galvanized.

			Brass.	Steel & Iron.	Galvanized.
16 inch, from 2 to 14 Mesh, per doz.....			\$.....	\$.....	\$.....
18	"	"			
20	"	"			

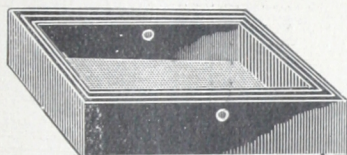
OAT SIEVES.

14 inch, 12 mesh, per doz.....			\$.....
16	"	"	
18	"	"	

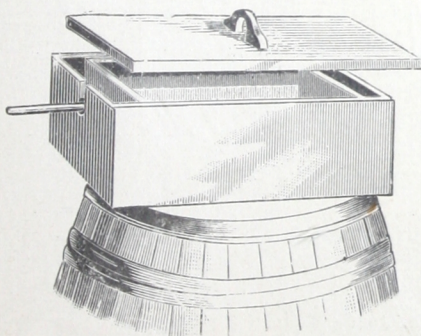
CASTING BRUSHES.

			2-in. Wire.	3-in. Wire.	4-in. Wire.	5-in. Wire.
Price, 4 Row, per doz.....			\$.....	\$.....	\$.....	\$.....
" 5	"	"				
" 6	"	"				

COAL AND ASH SIEVES.

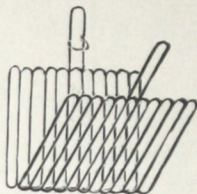


Square, 2 in nest, two large size, 12 x 14, 13½ x 15½	per dozen, \$.....
Square, 1, only large size, 13½ x 15½	“
Galvanized, 2 in Nest	“
“ large size	“



Economist. (Barrel) Ash Sieves, Iron Hoops	per dozen \$.....
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STEAK AND OYSTER BROILERS.



LIGHT BROILERS.

No. 0— 6x 9 inches, Plated.....	per dozen, \$2.50
“ 1— 8x 9 “.....	“ 2.75
“ 2—10x 9 “.....	“ 3.00
“ 3—12x 9 “.....	“ 3.25
“ 4—14x10 “.....	“ 3.50

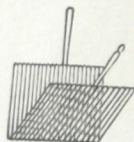
HEAVY BROILERS.

No. 0— 6x 9 inches, Plated.....	per dozen, \$3.00
“ 1— 8x 9 “.....	“ 3.50
“ 2—10x 9 “.....	“ 4.00
“ 3—12x 9 “.....	“ 5.00
“ 4—14x10 “.....	“ 6.00

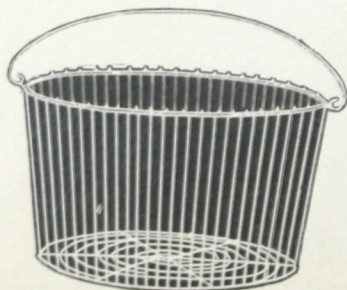
HEAVY HOTEL BROILERS.

12 inches, Plated.....	per dozen, \$12.00
14 “.....	“ 14.00
16 “.....	“ 16.00

OYSTER BROILERS.



No. 0— 6x 9 inches, Plated.....	per dozen, \$5.00
“ 1— 8x 9 “.....	“ 6.00
“ 2—10x 9 “.....	“ 7.00
“ 3—12x 9 “.....	“ 8.00
“ 4—14x10 “.....	“ 9.00

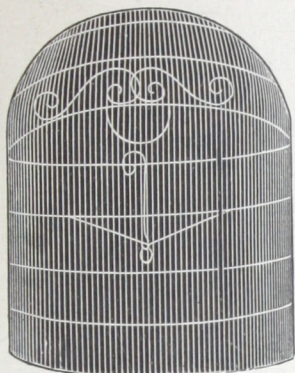


VEGETABLE BROILERS

7 inches.....	per dozen, \$2.00
8 “.....	“ 2.25
9 “.....	“ 2.50
10 “.....	“ 3.00

TINNED WIRE.

SPARK GUARD.



As Shown By Cut.

No. 1, 18x22 in., Coppered Wire...per doz.	\$30.00
“ 2, 20x24 “ “ “	36.00
“ 3, 32x26 “ “ “	48.00
“ 4, 24x28 “ “ “	60.00

Brass Wire, prices vary according to style and finish,
from \$60 to \$120 per dozen.

Discount,

FIRE FENDERS.

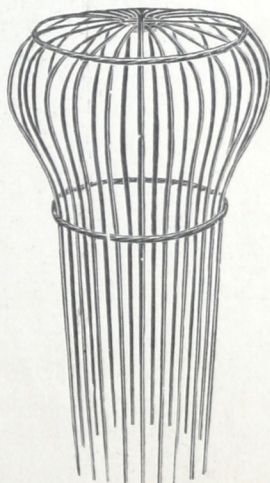
No. 1, 30 inches long, 24 inches high, 12 inches deep, painted green.....	\$2.50 each.
“ 2, 33 “ “ 26 “ “ 13 “ “	3.00 “
“ 3, 36 “ “ 28 “ “ 14 “ “	3.50 “

SOMETHING NEW.

GALVANIZED WIRE

CONDUCTOR STRAINERS.

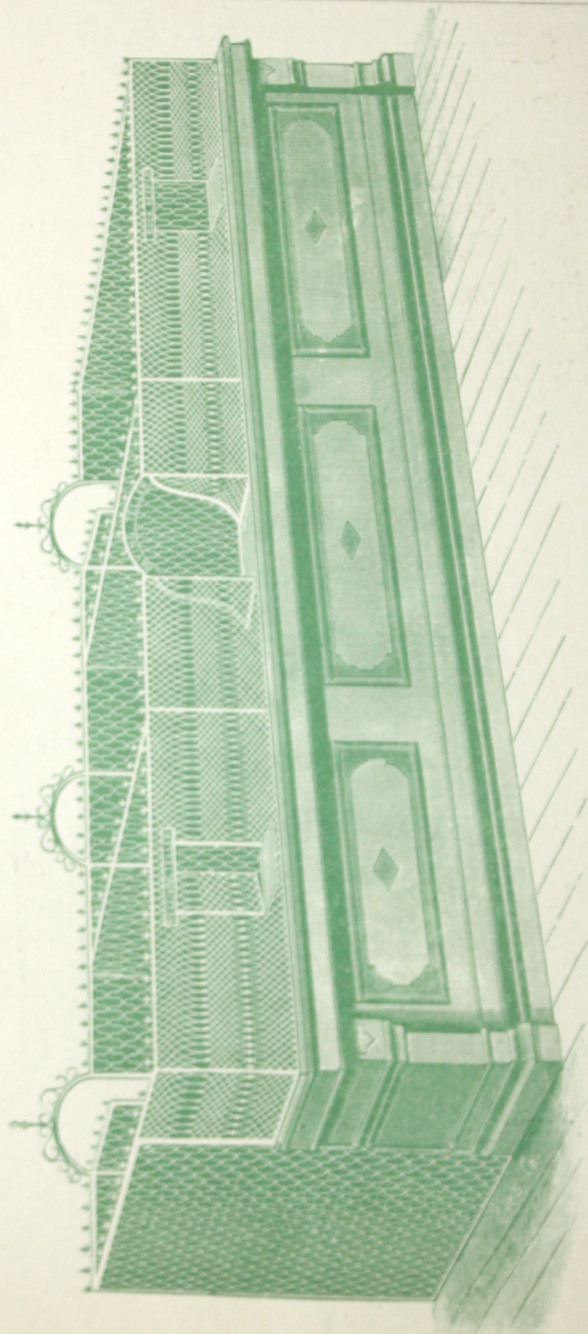
2 in.	3 in.	4 in.	5 in.	6 in.	8 in.
\$2.50	3.00	3.50	4.00	4.50	10.50 per doz.



By using the Conductor Strainers you keep your Leaders free from leaves or other things which are liable to fill them up and prevent the water from being carried off, often causing serious damage.

These Strainers are made from 2 to 8 inches, so as to fit any Leader.

NO. 1—INTERIOR OF A BANKING ROOM.



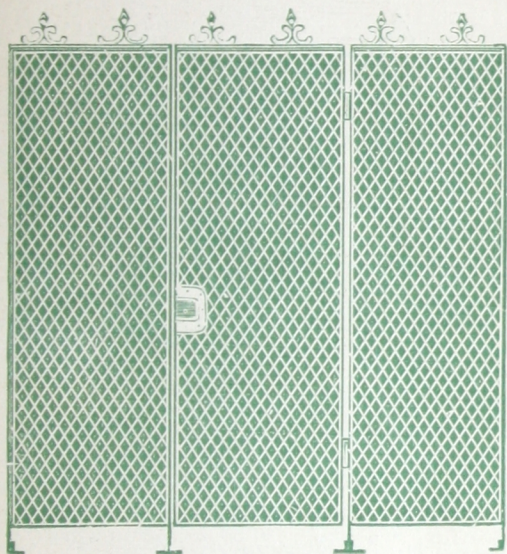
Above shows the interior view of a Banking Room, in which the Tellers are enclosed. The great advantage in Tellers being thus securely enclosed from intrusion of fellow clerks or others is apparent. It is appreciated, and has been adopted by many of the largest Banking Institutions in the country.

See We make a specialty of Bank Railings, and have fitted up many of the largest Banking Offices in this city with this work, and it gives the most perfect satisfaction. We can, if desired, give the names of parties to whom we have recently furnished Wire Railings, and to whom we refer as to the quality of our work and the satisfaction given.

See Parties wanting estimates will please advise us, and we will forward Catalogue from which they may select the pattern wanted, and send us a diagram with all the measurement, and prices will be cheerfully quoted.

No. 2—WIRE RAILING.

Showing Entrance Door to Private Office.



This work is usually made 2 inch Mesh of No. 8 Wire, is quite strong, yet open and airy in appearance. It is made any height or length desired. The posts are made with bases, which are fastened to the floor with screws. This style of work affords the safest protection for any banking office, and is preferred to other enclosures on account of its strength, as well as light and ornamental appearance.

Price, per square foot, including Posts and Ornaments.....60 to 75 cents.

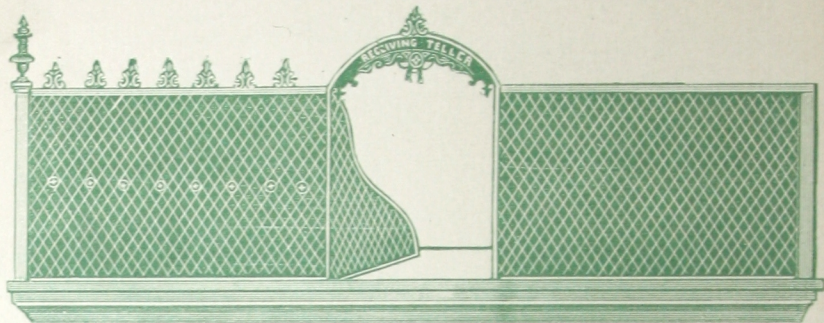
No. 3—BANK AND OFFICE RAILINGS.



24 inches high.....	per square foot, \$1.20	Pickets on top, extra.....	per lineal foot, \$0.25
30 "	" 1.15	Rosettes in center, extra.....	" .35
36 "	" 1.10	Posts, or No. 13 and 15 Cash Holes, each,	
No. 13, Cash Hole and Door			\$1.50 to 2.00
extra.....	" 4.00	No. 14, Cash Hole, with Glass Shelf, Arch	
		and Lettering.....	8.00

In ordering, state distance wanted from bottom of railing to bottom of Nos. 14 and 15 openings. The sizes of the openings are as follows: No. 13, 7x8, 10x12, or 12x14 high; No. 14, 12x15 high; No. 15, 7x8, or 10x12 high. Price for No. 1, same as this No. 3. Price on application.

Nos. 4 and 5—DESK AND COUNTER RAILING.



No. 4.

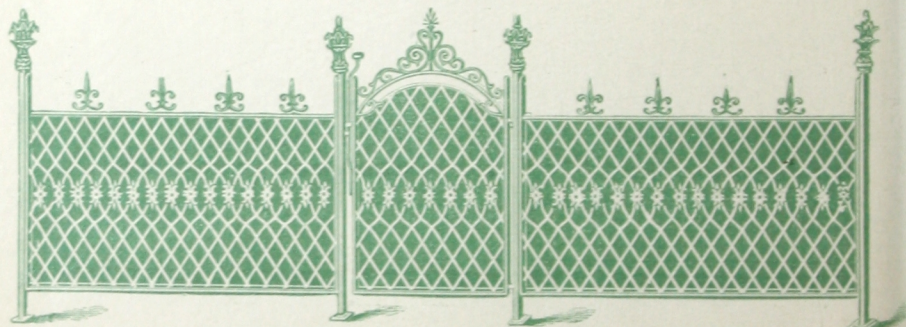
No. 5.

This pattern, with the addition of the Bronzed Ornament in the center, gives it a finished and attractive appearance. It can be made any shape, with or without Posts, Cash Holes or Openings. The frame is made of Iron, which fastens securely to the counter with screws. This railing is handsomely painted and finished with gold bronze, and is an ornament to any office.

24 inches high.....per square foot, \$1.00	Pickets on top, extra.....per lineal foot, \$0.25
30 " " .90	Rosettes in center, extra..... " .25
36 " " .85	No. 12 Arch (with lettering) extra " 3.00
42 " " .80	Cash Hole or Posts.....\$1.50 to 2.00
No. 12, O. G. wings or projections, each..... 2.50	Cash Hole and Door..... 4.00

We make a specialty of Wire Railings, and can turn out better styles and quality of work than any other house for the same money. In ordering, state width wanted of opening, length of the O. G. turns each side, and lettering wanted in arch.

NO. 6--WIRE OFFICE RAILING.

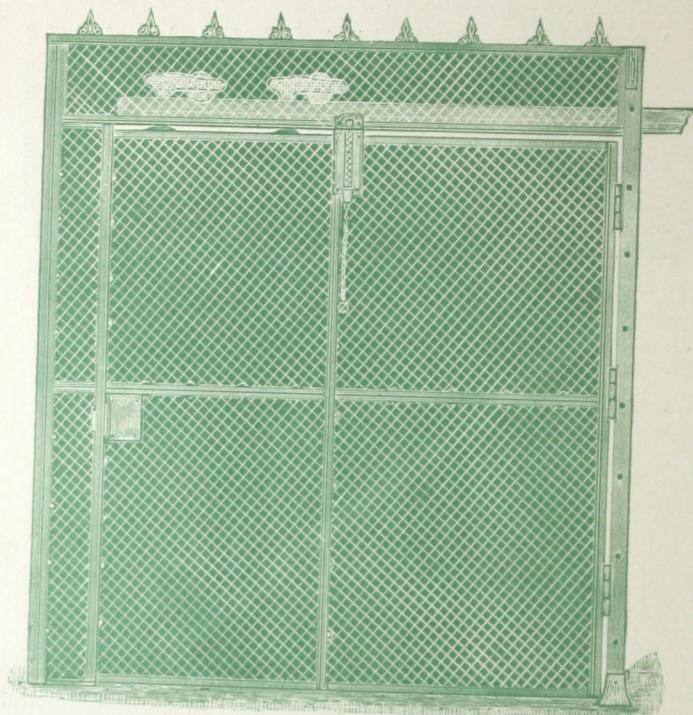


30 inches high.....per lineal foot, \$2.50
36 " " 3.00

No. 1.

COMBINATION ELEVATOR ENCLOSURE.

For Passenger or Freight.



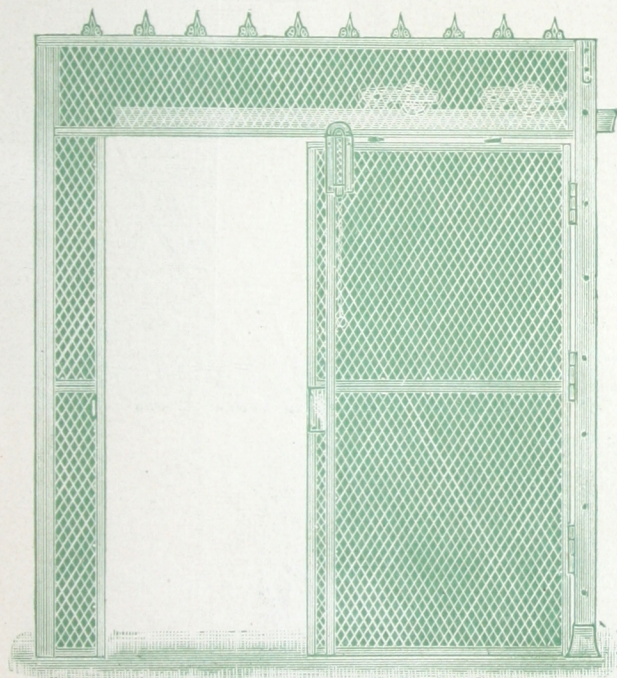
This Cut shows our Improved Sliding and Hinged Doors, the sliding door independent of the hinged door, and is opened from the inside by hand, and from outside by key, all of which is made of Heavy Wire Work. For passenger elevators it is preferable to wood, as it is not only strong and ornamental, but prevents the rapid transmission of fire up through a building, as is the case with wood enclosures. The wire work is usually made 2-inch Mesh, of No. 9 Crimped Wire, with a Wrought Iron Frame, and so constructed as to combine strength with a neat and ornamental appearance. The doors slide back and forth easily, being provided with improved rollers. The work is usually made 7 feet high, and the piece over the door extends to the ceiling, although frequently the entire enclosure is made to extend from the floor to the ceiling. It is always handsomely painted, and finished with gold bronze.

 If an extra large amount of this or other wire work is wanted, write for special estimates.

No. 2.

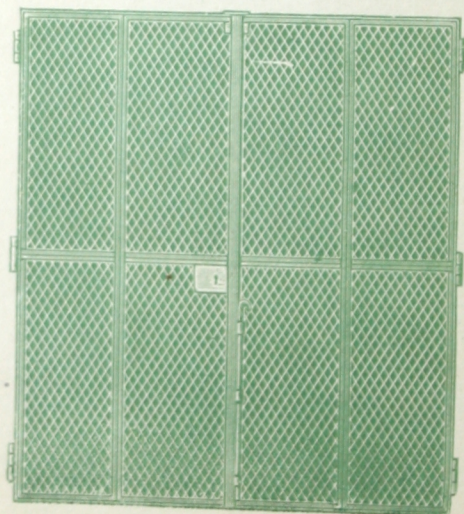
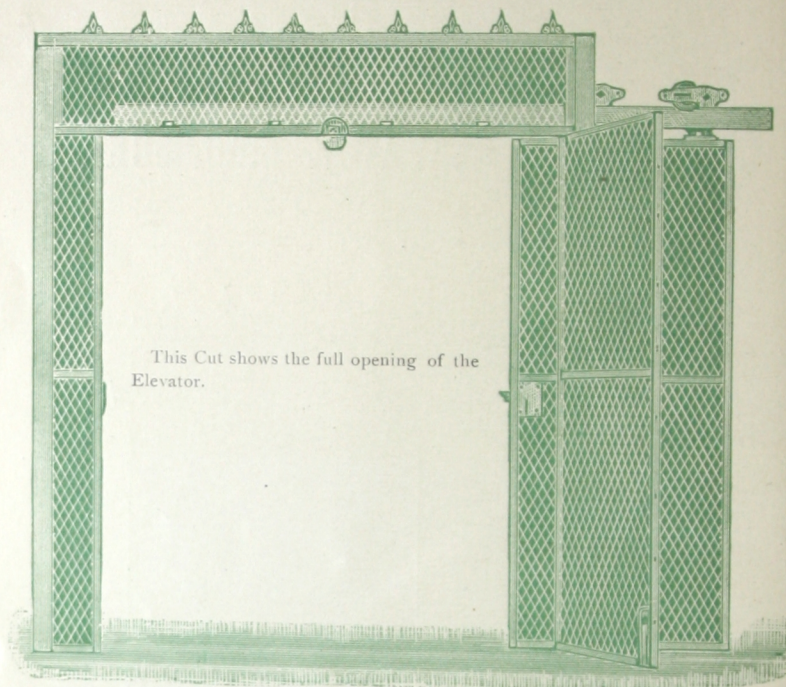
COMBINATION ELEVATOR ENCLOSURE.

For Passenger or Freight.



This Cut shows the Enclosure with Sliding Door open, operated from inside by hand, and from the outside with key.

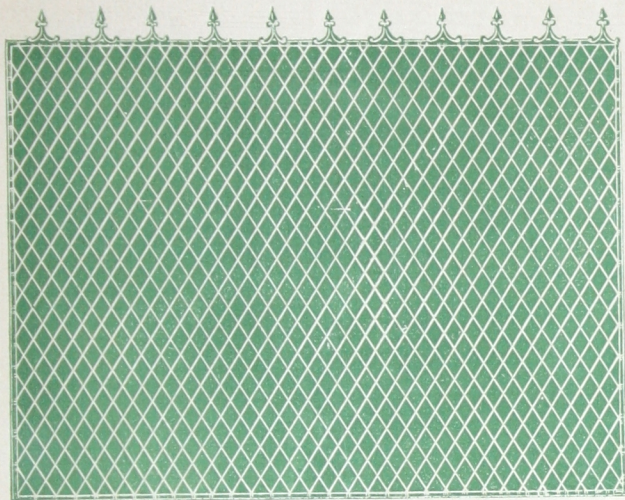
No. 3—COMBINED ELEVATOR ENCLOSURE.



No. 4.

Elevator
Entrance
Doors.

Cut of Gates on Elevator Front, showing outside on the left, and inside on the right.

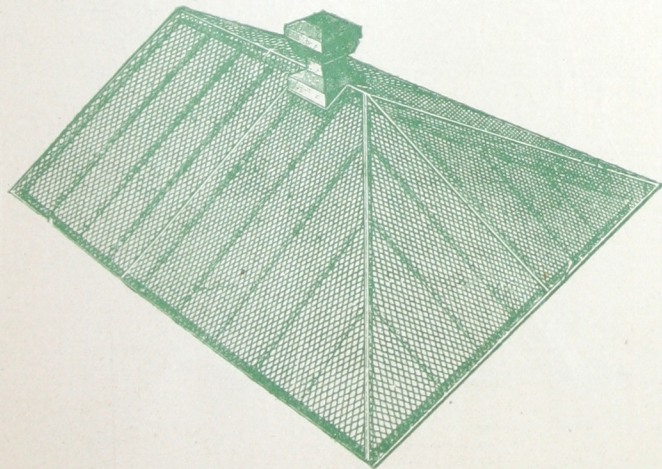


No. 13—Crimped Wire Guard, With Picket Top.

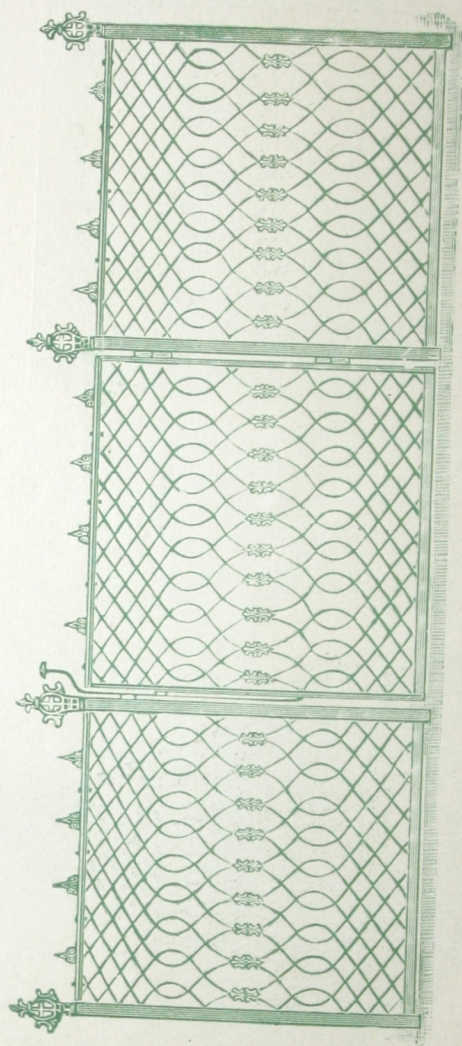
This Guard has a round iron frame at sides and bottom to fasten with staples (or they can be made to fasten with screws, if desired). The top is Channel Iron, which greatly strengthens the guard. Suitable for doors, partitions, and for large or small windows, elevators, etc.

SKYLIGHT PROTECTOR.

Made to order, any size desired.



This work is usually made 1 inch or $1\frac{1}{4}$ inch Mesh, of No. 11 or 12 Crimped Wire, with either a Channel Iron frame or a $\frac{1}{4}$ in. round frame. Price, 30 to 60 cents a square foot. Where a low-priced protection is required we can furnish a $\frac{3}{4}$ -inch Mesh heavy Galvanized Wire Netting at 15 to 20 cents per square foot. Give size in writing for estimates.



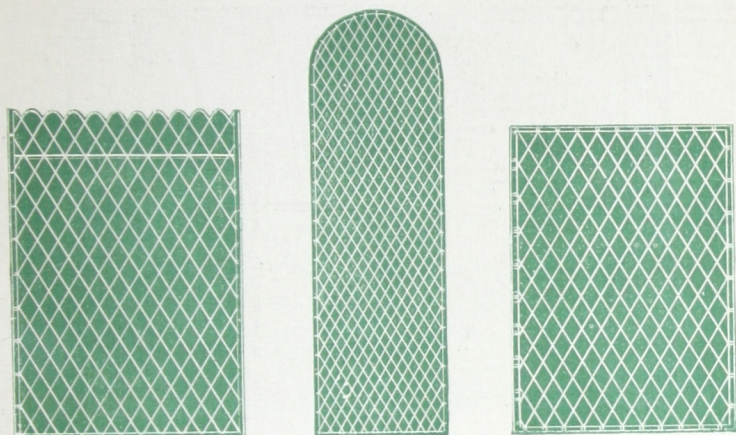
PATTERN OF HEAVY WIRE FENCE.

This fence is made of about 5-16 Steel Wire Rods, with $1\frac{1}{2}$ or $1\frac{3}{4}$ x $\frac{1}{2}$ inch Wrought Iron frame. The ornaments are alike on both sides, and not only add to the strength of the fence but gives it a more finished appearance. A very handsome fence, strong and durable.

Price on Application.

CRIMPED WIRE WINDOW GUARDS.

In ordering, always state which is the height, and give exact size you want guards made, including a lap of $\frac{3}{4}$ inch on each side for fastening with staples.



No. 12—Crimped Window Guard. No. 13—Wire Window Guard. No. 14—Crimped Window Guard.

NO. 12—CRIMPED WINDOW GUARD.

Showing a finished or scroll top, suitable for store windows, doors, etc.

NO. 14—CRIMPED WINDOW GUARD.

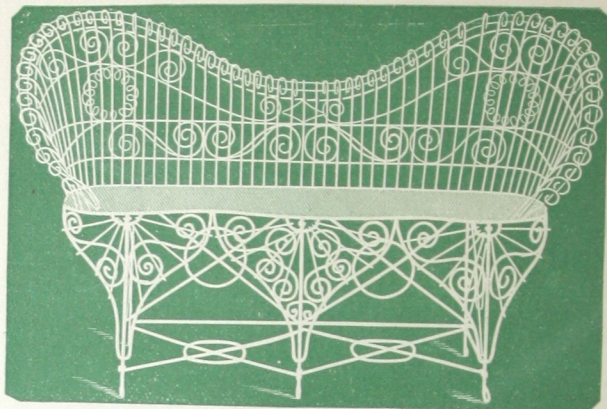
For basement windows of hotels, private residences, etc.

SIZE OF WIRE.	PAINTED.		GALVANIZED.	
	Round Frame.	Grooved Frame.	Round Frame.	Grooved Frame.
1 inch Diamond, No. 12 Wire.....	36	45	50	60 cents per foot
" " " 15 ".....	30	48	40	52 "
1 1/4 inch " " 10 ".....	36	45	44	70 "
" " " 12 ".....	30	40	42	46 "
" " " 14 ".....	26	33	33	48 "
1 1/2 inch " " 8 ".....	36	45	54	70 "
" " " 10 ".....	30	40	42	56 "
" " " 12 ".....	26	33	33	52 "
1 3/4 inch " " 8 ".....	38	42	48	66 "
" " " 10 ".....	30	36	40	54 "
" " " 12 ".....	24	33	30	45 "
2 inch " " 6 ".....	36	45	54	70 "
" " " 8 ".....	30	36	45	60 "
" " " 10 ".....	26	33	35	50 "
2 1/2 inch " " 4 ".....	36	45	60	75 "
" " " 5 ".....	33	40	52	70 "
" " " 6 ".....	30	36	45	60 "
" " " 8 ".....	24	33	36	52 "
3 inch " " 4 ".....	30	38	50	66 "
" " " 6 ".....	24	33	40	52 "
" " " 8 ".....	22	40	33	46 "
3 1/2 inch " " 2 ".....	...	45	...	75 "
" " " 4 ".....	30	36	45	60 "
" " " 6 ".....	24	33	38	48 "
" " " 8 ".....	22	30	30	40 "
4 inch " " 0 ".....	...	45	...	75 "
" " " 1 ".....	...	42	...	70 "
" " " 2 ".....	...	40	...	60 "
" " " 3 ".....	...	33	...	57 "
" " " 4 ".....	26	30	40	52 "

NO. 13—WIRE WINDOW GUARD.

For Churches or public buildings. With Arch or square top. Special estimates given.

WIRE SETTEE.



As per cut shown, 5 feet long, 3 sittings.....\$15.00 each.
 " 4 " 2 " 12.00 "

WIRE CHAIR.



OBLONG.

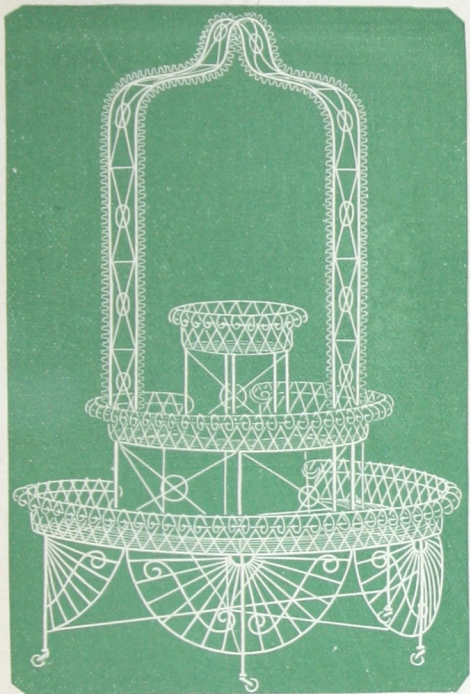
No. 16, 12x32 inches.....\$3.00
 " 17, 12x36 " 4.00
 Without Bottom Shelf.....25 per cent. less.
 With Arch.....75 cents extra.



Plain Wire Chair, as shown by cut, painted.....\$3.50 each, net.
 Arm Chair..... 6.00 "
 Wire stools, on the same plane as the chairs..... 2.50 "

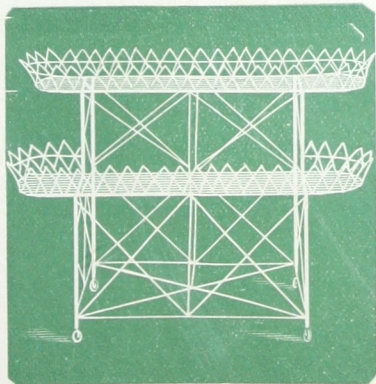
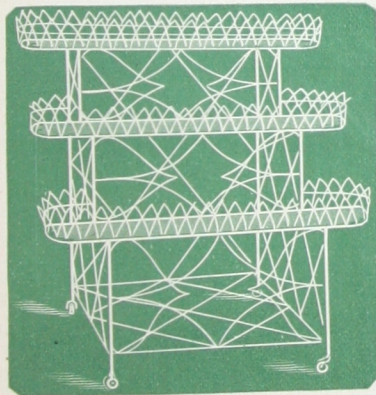
These Chairs are largely used in gardens, instead of wood or Iron, being much lighter than the latter, and not so brittle as the former.

WIRE FLOWER STANDS.



HALF-CIRCULAR STAND.

- No. 1, with Arch and Scroll Border, 52 inches wide, 34 inches deep, 72 inches high\$10.00
 No. 2, Scroll Border, without Arch, 52 inches wide, 35 inches deep, 40 inches high. 8.00

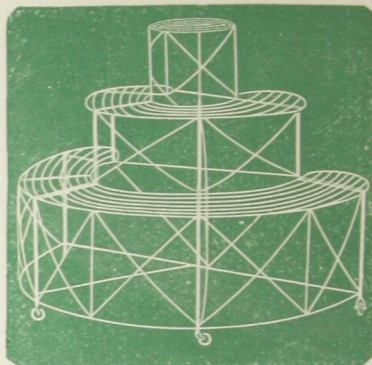
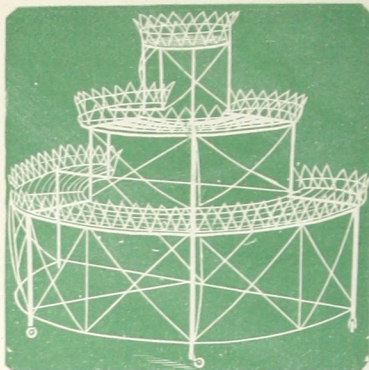


SQUARE STAND.

- No. 3, Square, with Borders, as shown by cut, 26x36x36 inches\$7.00 each
 " 4, " without Borders, 26x36x36 inches 5.00 "
 " 5, " only two Shelves, with Borders, 16x26x32 inches 5.00 "
 " 6, " " without Border, 16x26x32 inches 4.00 "

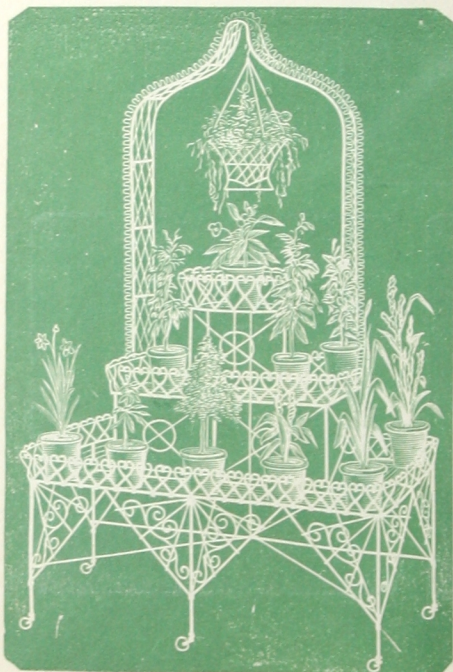
WIRE FLOWER STANDS.

On Hand and Made to Order.



HALF-CIRCULAR STAND.

- No. 7, Half-Circular with Borders, as shown by cut, 28x36x42 inches.....\$7.00
 " 8, " without Borders, 28x36x42 inches..... 5.00

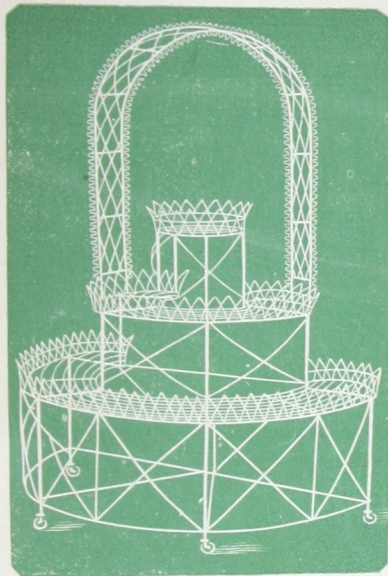


No. 9.

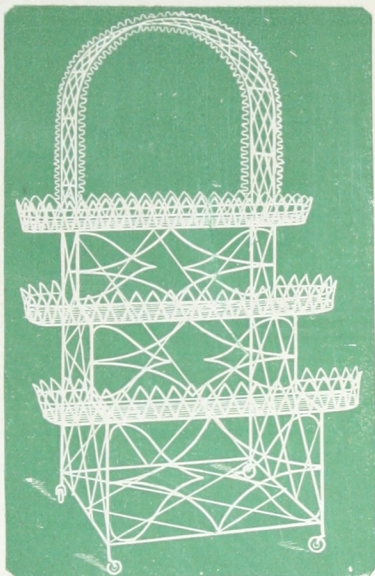
WIRE FLOWER POT STANDS.

A large stand, suitable for bay windows. Stand and Arch, 6 feet 7 inches high; Stand, without Arch. 3 feet 5 inches high; depth, 30 inches; length, 3 feet 10 inches.

- No. 9, Flower Pot Stand.....\$12.00
 " 10, Flower Pot Stand, with-
 out Arch..... 10.00
 " 11, same, only Plain Bor-
 der..... 9.00



No. 12--Half Round.



No. 13--Square Stand.

No. 12, with Arch and Border, as shown in cut	\$10.00
No. 13, with Arch and Border, as shown in cut	10.00
No. 14, same as No. 13, only two Shelves...	7.00
No. 15, 24 in. Round, with Center Basket	5.00
“ 15½, “ without Basket.....	3.00



Wire Arches, Trellises and Trainers can be Made any Style or Size Desired.

Plain Trainers, 12 inches high.....	per dozen, \$2.00
“ 15 “	“ 2.50
“ 18 “	“ 3.00
“ 24 “	“ 4.00
“ 30 “	“ 5.00
“ 36 “	“ 6.00
“ 42 “	“ 7.50
“ 48 “	“ 9.00

Discount.

CEMETERY ARCHES.

They are an elegant ornament to a grave, and if repainted every spring, they will last for years. We have three different patterns, and three sizes to each pattern.

WITH BORDER.

No. 1, round, 24 inches high, 16 inches high.....	\$1.00 each.
“ 2, “ 30 “ 18 “	1.25 “
“ 3, “ 36 “ 20 “	1.50 “
“ 4, “ 48 “ 24 “	2.00 “

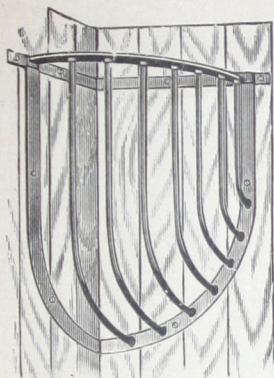
WITHOUT BORDER.

No. 5, round, 24 inches high, 16 inches wide.....	\$0.50 each
“ 6, “ 30 “ 18 “	.75 “
“ 7, “ 36 “ 20 “	1.00 “
“ 8, “ 48 “ 24 “	1.25 “
“ 9, gothic, 36 “ 20 “	1.50 “
“ 10, “ 48 “ 24 “	2.00 “
“ 11, “ 60 “ 28 “	3.00 “
“ 12, flat 36 “ 20 “	2.50 “
“ 13, “ 48 “ 24 “	3.50 “
“ 14, “ 60 “ 28 “	4.50 “

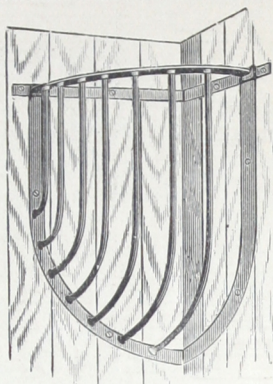
These prices do not include the basket or the name. We make any name of not over ten letters, and hang it in the Arch, for \$1.00 each name.

Baskets, \$1.50 per dozen.

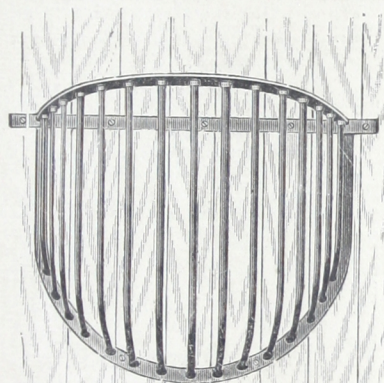
These goods are all painted white or green.



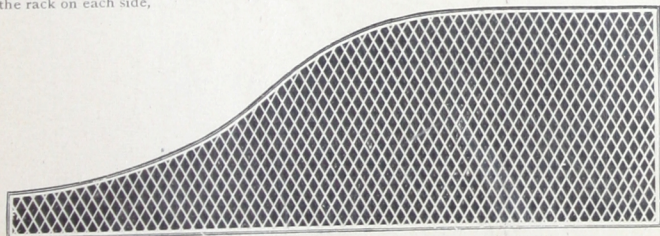
No. 1--Left-Hand.



No. 2--Right-Hand.

SINGLE OR CORNER HAY RACKS.**DOUBLE OR HALF CIRCLE WROUGHT IRON HAY RACKS.**

This can be used for two stalls, by running the open-work partition through between the bars, bringing half the rack on each side,

**WROUGHT IRON STALL PARTITIONS.**

No. 11--Crimped Wire Work Stall Partitions, in Grooved Iron Frame. Two-inch Mesh, 9 Wire.

It was formerly thought necessary to make all Stall Partitions of Cast Iron, but experience has proved Wrought Iron to be much better and eventually cheaper; although the original cost is greater, the danger of breakage is completely obviated.

PRICE LIST.

BRIGHT AND ANNEALED IRON WIRE

In Bundles of 63 Pounds Each.

Nos. 0 to 9, 10c.	10 and 11, 11c.	12, 11½c.	13 and 14, 12½c.	15 and 16, 14c.	17, 15c.	18, 16c.
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Discount.....

Annealed Stone or Weaving Wire.

In Stones of 12 Pounds Each.

Nos. 18, 16c.	19, 19c.	20, 20c.	21, 21c.	22, 22c.	23, 23c.	24, 24c.	25, 25c.	26, 26c.
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Discount.....

Nos. 27, 28c.	28, 29c.	29, 30c.	30, 32c.	31, 33c.	32, 35c.	33, 37c.	34, 40c.	35, 45c.	36, 55c.
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Discount.....

Tinned Wire.

Nos. 0 to 9, 15c.	10 and 11, 16c.	12 to 14, 17c.	15 and 16, 17½c.	17, 18c.	18, 19c. per lb.
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Discount.....

Tinned Stone Wire.

Nos. 18, 10c.	19 and 20, 20c.	21 and 22, 21c.	23 and 24, 22c.	25, 23c.	26, 24c.	27, 25c. per lb.
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Nos. 28, 26c.	29, 27c.	30, 28c.	31, 29c.	32, 32c.	33, 33c.	34, 35c.	35, 40c.	36, 48c. per lb.
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Discount.....

Tinned Broom Wire.

Nos. 18 to 20, 20c.	21 and 22, 21c.	23 and 24, 22c. per lb.
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Discount.....

Galvanized Wire.

Same list as Iron.

Table Showing the Gross Value of Iron Wire,
in Bundles of 63 Pounds Each.

Numbers.	Per lb.	1 Bun- dle. 63 lbs.	2 Bun- dles. 126 lbs.	3 Bun- dles. 189 lbs.	4 Bun- dles. 252 lbs.	5 Bun- dles. 315 lbs.	6 Bun- dles. 378 lbs.	7 Bun- dles. 441 lbs.	8 Bun- dles. 504 lbs.	9 Bun- dles. 567 lbs.	10 Bun- dles. 630 lbs.
0 to 6	9c.	\$5 67	\$11 34	\$17 01	\$22 68	\$28 35	\$34 02	\$39 69	\$45 36	\$51 03	\$56 70
7 to 8	10	6 30	12 60	18 90	25 20	31 50	37 80	44 10	50 40	56 70	63 00
10 to 11	11	6 93	13 87	20 79	27 72	34 65	41 58	48 51	55 44	62 37	69 30
12	11½	7 24½	14 49	21 73½	28 98	36 22½	43 47	50 71½	57 96	65 20½	72 45
13 to 14	12½	7 87½	15 75	23 52½	31 50	39 37½	47 25	55 12½	63 00	70 87½	78 75
15 to 16	14	8 82	17 64	26 46	35 28	44 10	52 92	61 74	70 56	79 38	88 20
17	15	9 45	18 90	28 35	37 80	47 25	56 70	66 15	75 60	85 05	94 50
18	16	10 08	20 16	30 24	40 32	50 40	60 48	70 56	80 64	90 72	100 30
19	19	11 97	23 94	35 91	47 88	59 85	71 82	83 79	95 76	107 73	119 70
20	20	12 60	25 20	37 80	50 40	63 00	75 60	88 20	100 80	113 40	126 00

Table Showing the Gross Value of Iron Wire,
in Bundles of 12 Pounds Each.

Numbers.	Per lb.	1 Stone, 12 lbs.	2 Stones, 24 lbs.	3 Stones, 36 lbs.	4 Stones, 48 lbs.	5 Stones, 60 lbs.	6 Stones, 72 lbs.	7 Stones, 84 lbs.	8 Stones, 96 lbs.	9 Stones, 108 lbs.	10 Stones, 120 lbs.
18	16c.	\$1 92	\$ 3 84	\$ 5 76	\$ 7 68	\$ 9 60	\$11 52	\$13 44	\$15 36	\$17 28	\$19 20
19	19	2 28	4 56	6 84	9 12	11 40	13 68	15 96	18 24	20 52	22 80
20	20	2 40	4 80	7 20	9 60	12 00	14 40	16 80	19 20	21 60	24 00
21	21	2 52	5 04	7 56	10 08	12 60	15 12	17 64	20 16	22 68	25 20
22	22	2 64	5 28	7 92	10 56	13 20	15 84	18 48	21 12	23 76	26 40
23	23	2 76	5 52	8 28	11 04	13 80	16 56	19 32	22 08	24 84	27 60
24	24	2 88	5 76	8 64	11 52	14 40	17 28	20 16	23 04	25 82	28 80
25	25	3 00	6 00	9 00	12 00	15 00	18 00	21 00	24 00	27 00	30 00
26	26	3 12	6 24	9 36	12 48	15 60	18 72	21 84	24 96	28 08	31 20
27	28	3 36	6 72	10 08	13 44	16 80	20 16	23 52	26 88	30 24	33 60
28	29	3 48	6 96	10 44	13 92	17 40	20 88	24 36	27 84	31 32	34 80
29	30	3 60	7 20	10 80	14 40	18 00	21 60	25 20	28 80	32 40	36 00
30	32	3 84	7 68	11 52	15 36	19 20	23 04	26 88	30 72	34 56	38 40
31	33	3 96	7 92	11 88	15 84	19 80	23 76	27 72	31 68	35 64	39 60
32	35	4 20	8 40	12 60	16 80	21 00	25 20	29 40	33 60	37 80	42 00
33	37	4 44	8 88	13 32	17 76	22 20	26 64	31 08	35 52	39 96	44 40
34	40	4 80	9 60	14 40	19 20	24 00	28 80	33 60	38 40	43 20	48 00
35	45	5 40	10 80	16 20	21 60	27 00	32 40	37 80	43 20	48 60	54 00
36	55	6 60	13 20	19 80	26 50	33 00	39 60	46 20	52 80	59 40	66 00

PRICE LIST.

BRIGHT AND ANNEALED IRON WIRE.

In Bundles of 63 Pounds Each.

Nos. 0 to 9,	10 and 11,	12,	13 and 14,	15 and 16,	17,	18,
10c.	11c.	11½c.	12½c.	14c.	15c.	16c.
Discount.....						

Annealed Stone or Weaving Wire.

In Stones of 12 Pounds Each.

Nos. 18, 16c.	19, 19c.	20, 20c.	21, 21c.	22, 22c.	23, 23c.	24, 24c.	25, 25c.	26, 26c.
Discount.....								
Nos. 27, 28c.	28, 29c.	29, 30c.	30, 32c.	31, 33c.	32, 35c.	33, 37c.	34, 40c.	35, 45c.
Discount.....								

Tinned Wire.

Nos. 0 to 9,	10 and 11,	12 to 14,	15 and 16	17,	18,
15c.	16c.	17c.	17½ c.	18c.	19c. per lb.
Discount.....					

Tinned Stone Wire.

Nos. 18, 10c.	19 and 20, 20c.	21 and 22, 21c.	23 and 24, 22c.	25, 23c.	26, 24c.	27, 25c. per lb.
Nos. 28, 26c.	29, 27c.	30, 28c.	31, 29c.	32, 32c.	33, 33c.	34, 35c.
					35c.	40c. 48c. per lb.
Discount.....						

Tinned Broom Wire.

Nos. 18 to 20,	21 and 22,	23 and 24,
20c.	21c.	22c. per lb.
Discount.....		

Galvanized Wire.

Same list as Iron.

Table Showing the Gross Value of Iron Wire,
in Bundles of 63 Pounds Each.

Numbers.	Per lb.	1 Bun- dle, 63 lbs.	2 Bun- dles, 126 lbs.	3 Bun- dles, 189 lbs.	4 Bun- dles, 252 lbs.	5 Bun- dles, 315 lbs.	6 Bun- dles, 378 lbs.	7 Bun- dles, 441 lbs.	8 Bun- dles, 504 lbs.	9 Bun- dles, 567 lbs.	10 Bun- dles, 630 lbs.
0 to 6	9c.	\$5 67	\$11 34	\$17 01	\$22 68	\$28 35	\$34 02	\$39 69	\$45 36	\$51 03	\$56 70
7 to 8	10	6 30	12 60	18 90	25 20	31 50	37 80	44 10	50 40	56 70	63 00
10 to 11	11	6 93	13 87	20 79	27 72	34 65	41 58	48 51	55 44	62 37	69 30
12	11½	7 24½	14 49	21 73½	28 98	36 22½	43 47	50 71½	57 96	65 20½	72 45
13 to 14	12½	7 87½	15 75	23 52½	31 50	39 37½	47 25	55 12½	63 00	70 87½	78 75
15 to 16	14	8 82	17 64	26 46	35 28	44 10	52 92	61 74	70 56	79 38	88 20
17	15	9 45	18 90	28 35	37 80	47 25	56 70	66 15	75 60	85 05	94 50
18	16	10 08	20 16	30 24	40 32	50 40	60 48	70 56	80 64	90 72	100 30
19	19	11 97	23 94	35 91	47 88	59 85	71 82	83 79	95 76	107 73	119 70
20	20	12 60	25 20	37 80	50 40	63 00	75 60	88 20	100 80	113 40	126 00

Table Showing the Gross Value of Iron Wire,
in Bundles of 12 Pounds Each.

Numbers.	Per lb.	1 Stone, 12 lbs.	2 Stones, 24 lbs.	3 Stones, 36 lbs.	4 Stones, 48 lbs.	5 Stones, 60 lbs.	6 Stones, 72 lbs.	7 Stones, 84 lbs.	8 Stones, 96 lbs.	9 Stones, 108 lbs.	10 Stones, 120 lbs.
18	16c.	\$1 92	\$ 3 84	\$ 5 76	\$ 7 68	\$ 9 60	\$11 52	\$13 44	\$15 36	\$17 28	\$19 20
19	19	2 28	4 56	6 84	9 12	11 40	13 68	15 96	18 24	20 52	22 80
20	20	2 40	4 80	7 20	9 60	12 00	14 40	16 80	19 20	21 60	24 00
21	21	2 52	5 04	7 56	10 08	12 60	15 12	17 64	20 16	22 68	25 20
22	22	2 64	5 28	7 92	10 56	15 20	15 84	18 48	21 12	23 76	26 40
23	23	2 76	5 52	8 28	11 04	13 80	16 56	19 32	22 08	24 84	27 60
24	24	2 88	5 76	8 64	11 52	14 40	17 28	20 16	23 04	25 82	28 80
25	25	3 00	6 00	8 00	12 00	15 00	18 00	21 00	24 00	27 00	30 00
26	26	3 12	6 24	9 36	12 48	15 60	18 72	21 84	24 96	28 08	31 20
27	28	3 36	6 72	10 08	13 44	16 80	20 16	23 52	26 88	30 24	33 60
28	29	3 48	6 96	10 44	13 92	17 40	20 88	24 36	27 84	31 32	34 80
29	30	3 60	7 20	10 80	14 40	18 00	21 60	25 20	28 80	32 40	36 00
30	32	3 84	7 68	11 52	15 36	19 20	23 04	26 88	30 72	34 56	38 40
31	33	3 96	7 92	11 88	15 84	19 80	23 76	27 72	31 68	35 64	39 60
32	35	4 20	8 40	12 60	16 80	21 00	25 20	29 40	33 60	37 80	42 00
33	37	4 44	8 88	13 32	18 76	22 20	26 64	31 08	35 52	39 96	44 40
34	40	4 80	9 60	14 40	19 20	24 00	28 80	33 60	38 40	43 20	48 00
35	45	5 40	10 80	16 20	21 60	27 00	32 40	37 80	43 20	48 60	54 00
36	55	6 60	13 20	19 80	26 50	33 00	39 60	46 20	52 80	59 40	66 00

TABLE

Showing the Full Sizes, Diameter in Decimals of an Inch, and the Number of Feet in One Pound of Each Gauge IRON WIRE, as Drawn by the U. S. Manufacturers.

NO. OF THE WIRE.	DECIMALS OF AN INCH.	FEET IN A POUND.	NO. OF THE WIRE.	DECIMALS OF AN INCH.	FEET IN A POUND.
000	.362	2.873	15	.072	72.984
00	.331	3.444	26	.063	85.396
0	.323	3.619	17	.054	129.873
1	.283	4.698	18	.047	172.401
2	.263	5.444	19	.040	222.222
3	.244	6.333	20	.033	301.244
4	.225	7.460	21	.030	370.036
5	.207	8.809	22	.026	476.190
6	.192	10.270	23	.017	640.74
7	.177	12.047	24	.022	899.03
8	.162	14.365	25	.020	1189.71
9	.148	17.228	26	.015	1485.02
10	.135	20.698	27	.014	1872.71
11	.120	26.174	28	.012	2361.42
12	.105	34.254	29	.011	2978.91
13	.092	44.655	30	.010	3555.83
14	.080	59.174			

HOWARD IRON WORKS,

BUFFALO, N. Y.

MANUFACTURERS OF

Hydraulic Belt and Hand-Power

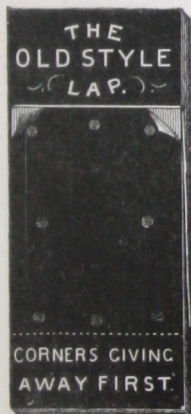
ELEVATORS.

FOR

Passengers or Freight.

Bickford & Francis Belting Co.,

53 & 55 EXCHANGE ST., BUFFALO, N. Y.



Old Style Lap.



MANUFACTURERS OF THE

CELEBRATED

B. C. & D.

BRAND.

Strictly Short Lap Pure Oak Leather

BELTING.

WRITE FOR PRICES.



B. & F. Pat, Round Corner Lap.

BANK AND COUNTER RAILINGS

ALL PATTERNS.

